

WHAT IS CLAIMED IS:

1. An electron gun assembly resistor comprising:
an insulating substrate;
a plurality of electrode elements formed on the
insulating substrate and looking like islands;
a resistor element connecting the electrode
elements together and providing a predetermined
resistance value; and
a plurality of metallic terminals which include
10 flanges in contact with the electrode elements, and
which are connected to the electrode elements,
the electron gun assembly resistor satisfying
 $L_1 \leq L_2$,
where L_1 is an outer dimension of at least one of the
15 electrode elements, and L_2 is an outer dimension of the
flange of the metallic terminal that is connected to
the electrode element whose outer dimension is L_1 .
2. An electron gun assembly resistor according to
claim 1, wherein the flanges are located outward of
20 outer peripheries of the electrode elements.
3. An electron gun assembly resistor according to
claim 1, wherein the flanges include tip ends that are
curved to cover the electrode elements.
4. A comprising:
25 a face panel;
a funnel integrally connected to the face panel;
a phosphor screen formed on an inner surface of

the face panel;

an electron gun assembly arranged in a neck of the funnel, configured to emit electron beams toward the phosphor screen, and including a plurality of grid electrodes; and

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an electron gun assembly resistor arranged in the neck and juxtaposed to the electron gun assembly, the electron gun assembly resistor dividing a voltage based on a predetermined voltage division ratio and permitting a divided voltage to be applied to at least 10 one of the grid electrodes,

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the electrode gun assembly resistor comprising:

an insulating substrate;

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a plurality of electrode elements formed on the insulating substrate and looking like islands;

a resistor element connecting the electrode elements together and providing a predetermined resistance value; and

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a plurality of metallic terminals which include flanges in contact with the electrode elements, and which are connected to the electrode elements,

the electron gun assembly resistor satisfying
 $L_1 \leq L_2$,

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where L_1 is an outer dimension of at least one of the electrode elements, and L_2 is an outer dimension of the flange of the metallic terminal that is connected to the electrode element whose outer dimension is L_1 .

5. A cathode ray tube according to claim 4,
wherein the flanges are located outward of outer
peripheries of the electrode elements.

6. An electron gun assembly resistor according to
5 claim 4, wherein the flanges include tip ends that are
curved to cover the electrode elements.

7. An electron gun assembly resistor configured
to divide a voltage based on a predetermined voltage
division ratio and to permit a divided voltage to be
10 applied to an electrode of an electron gun assembly,
the electron gun assembly resistor comprising:

an insulating substrate;
a plurality of electrode elements formed on the
insulating substrate;
15 a resistor element connecting the electrode
elements together and providing a predetermined
resistance value;

an insulating coating layer which covers the
resistor element; and

20 a plurality of metallic terminals connected to the
electrode elements, respectively,

the metallic terminals being arranged without
exposing the electrode elements,

25 the insulating coating layer being coated on
peripheries of the metallic terminals and being located
away from the electrode elements.

8. An electron gun assembly resistor according to

claim 7, wherein regions where the insulating coating layer covers the peripheries of the electrode elements are regions where the insulating substrate has surface portions that are electrically charged to have a 5 potential higher than that of the metallic terminals.

9. An electron gun assembly resistor according to claim 7, wherein the metallic terminals include flanges which are in contact with the electrode elements, and the flanges have an outer dimension greater than that 10 of the electrode elements and include portions located outward of the peripheries of the electrode elements.

10. An electron gun assembly resistor according to claim 9, wherein the insulating coating layer covers the peripheries of the flanges of the metallic 15 terminals without exposing the insulating substrate.